



501.39395X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): J. HAYAKAWA, et al
Serial No.: 09/741,804
Filed: December 22, 2000
For: MAGNETORESISTIVE SENSOR
Group: 2652
Examiner: C. Renner

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 5, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith with the accompanying RCE, a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted within three months of the filing date and with the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-

1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version Abstract or an English language patent family member.

It is respectfully requested that this information disclosure statement and the listed documents be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 501.39395X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



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Attachments

Form PTO-1449
EquivalentU.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.
501.39395X00SERIAL NO.
09/741,804INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
HAYAKAWAFILING DATE
December 22, 2000GROUP
2652

U.S. PATENT DOCUMENTS

| Ex. Initial | Doc. No. | Date | Name | Class | Subclass | Filing Date |
|-------------|-----------|---------|---------|-------|----------|-------------|
| AA | 6,369,993 | 4/2002 | Hayashi | | | |
| AB | 5,999,378 | 12/1999 | Saito | | | |
| AC | | | | | | |
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| AH | | | | | | |

U.S. PATENT APPLICATIONS

| | Publication Number | Name | Publication Date |
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| AI | | | |
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FOREIGN PATENT DOCUMENTS

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| | | | | | | Yes | No |
| AM | 2000-276710 | 10/2000 | Japan | | | Abstract | |
| AN | 2970590 | | Japan | | | Corresponds to Document AA | |
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OTHER DOCUMENTS

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|-----------------|--|
| AR | |
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| Examiner | |
| Date Considered | |

